Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 19 Nov 2020 until 23:59 on Friday 20 Nov 2020

Forecast Issued on Wednesday 18 Nov 2020 at 11:14

Confidence: High for cold and bright conditions on Thursday then a return to cloudy, wet and mild on Friday. Lower confidence for timing of rain clearance on Saturday morning.

Headline for Thursday 19 Nov 2020: Mainly dry and sunny but very cold. Strong winds slowly easing.

Mountain weather hazards on Thursday 19 Nov 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light snow	Sunny	Sunny	Sunny	Partly cloudy (night)	Cloudy
Precipitation probability							
70%	70%	60%	30%	<05%	<05%	<05%	10%

Forecast for Thursday 19 Nov 2020

Weather: Outbreaks of rain overnight and early morning turning to snow above 500m before clearing around dawn. A very cold but dry day will follow with plenty of crisp sunshine. A cold and dry evening with a frost but high cloud will arrive from the west.

Chance of cloud free mountain/hill tops above 600m: 30% overnight with areas of cloud cover above 500m, but clearing around dawn. Over 95% thereafter with all hills expected to be cloud-free.

Visibility: Poor on high slopes overnight but becoming good at all levels by around dawn. Excellent air clarity during the day with clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

Mountain Weather Forecast

Forecast for Thursday 19 Nov 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/43 W	21/31 W	26/38 N	17/26 NW	15/24 NW	10/15 W	10/17 W	9/14 SW	12/19 SW
300	20/40 W	16/32 W	16/33 NW	13/26 NW	13/24 NW	6/14 NW	6/15 W	3/10 SW	4/13 SW
Valley	17/37 W	11/26 NW	16/35 N	10/24 NW	10/21 NW	4/12 NW	3/9 NW	2/8 W	4/14 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	1/-6	-1/-7	-0/-6	-0/-5	-1/-5	-0/-5	0/-4
300	6/2	6/2	4/-2	2/-3	3/-2	2/-0	1/-2	1/-1	2/-0
Valley	8/4	7/5	5/0	4/-0	5/1	4/2	2/0	3/2	5/3
Freezing Level*	1100m	1100m	600m	300m	300m	300m	300m	400m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A blast of Arctic air will make it feel bitterly cold compared to recent days. A severe wind chill on the tops, especially during the morning but winds easing in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 18 Nov 2020	8.2mm	19mm	34.8mm

Forecast for Friday 20 Nov 2020

Weather: Cloudy with spells of rain, turning heavy and persistent for a while. A little sleet for a time on the tops in the early hours but mild air will quickly arrive from the west with rain at all levels.

Maximum wind: South or Southwest 20-30mph with gusts 45mph on the tops.

Chance of cloud free mountain/hill tops above 600m: Almost nil. Extensive cloud above 300 or 400m for most of the day.

Visibility: Very poor on high ground for most of the time with extensive low cloud giving navigational difficulties. Hazy conditions below the cloud base.

Temperature: **Valleys:** Plus 6C rising to 11 or 12C.
At 600m: 0C rising to 8 or 9C.
Freezing level: 700m in early hours, soon rising above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved